GOVERNMENT OF INDIA
DEFENCE
LOK SABHA

UNSTARRED QUESTION NO:2235
ANSWERED ON:29.07.2016
Modernization of HAL
Simha Shri Prathap

Will the Minister of DEFENCE be pleased to state:

(a) whether the Government proposes to modernize and streamline the existing production facilities of the Hindustan Aeronautics Limited (HAL), if so, the details thereof;

(b) whether the Government proposes to create additional assembly lines to boost Light Combat Aircraft (LCA) production rate, if so, the details thereof; and

(c) whether the Government proposes to set up a new aero-engine production plant for the LCA, if so, the details thereof?

Answer

MINISTER OF DEFENCE (SHRI MANOHAR PARRIKAR)

(a) Modernizing the existing production facilities is a continuous process in HAL. Modernization is taken up to enhance capability and capacity. This includes upgradation of technology through establishment of new processes, state of the art manufacturing and design facilities with an aim to increase productivity, efficiency and improve work conditions.

Some of the key facilities / technologies established in recent times are:

(i) 3D Printing technology.

(ii) Manned Chamber Welding.

(iii) Robotic Plasma Coating.

(iv) Robotic Micro Shot Peening.

(v) Non-Contact Laser Inspection Equipment.

In addition HAL is using latest Software for its production and design activities, which has helped in streamlining various processes, activities through better record keeping, standardization of various applications, fast retrievals of data etc.

(b) Yes, Madam. There is a proposal for ramping up of production of LCA from present installed capacity of eight to sixteen aircraft per annum.

An expenditure of Rs.1381.04 Crore has been proposed for this purpose with 50% funding by HAL 25% by IAF and 25% by Indian Navy.

(c) Presently no such proposal is under consideration.

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